

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

0.1 Member State	HU
0.2.1 Species code	1016
0.2.2 Species name	Vertigo moulinsiana
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	hasas törpecsiga

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	2007-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Pannonian (PAN)

2.2 Published sources

A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései
 Farkas, R. (2008): Adatok az Aggteleki-karszt, a Cserehát és a Putnoki-dombság Mollusca faunájához II. - Malakológiai Tájékoztató, 26: 43-80.
 Uherkovich Ákos (2010) : További adatok a Mecsek-hegység puhatestű (Mollusca) fajainak elterjedéséhez. – Natura Somogyiensis, 17 : 83-122
 Sóllymos, P., Tutkovics, B., Czentye, I. & Páll-Gergely, B. (2007): Adatok a Mecsekhegység szárazföldi csigafaunájához (Mollusca: Gastropoda). – Malakológiai Tájékoztató, Gyöngyös, 25: 83–94.

2.3 Range

2.3.1 Surface area - Range (km ²)	9520
2.3.2 Method - Range surface area	Estimate based on partial data with some extrapolation and/or modelling (2)
2.3.3 Short-term trend period	2001-2012
2.3.4 Short-term trend direction	stable (0)
2.3.5 Short-term trend magnitude	min max
2.3.6 Long-term trend period	
2.3.7 Long-term trend direction	N/A
2.3.8 Long-term trend magnitude	min max
2.3.9 Favourable reference range	area (km ²) operator approximately equal to (≈) unkown No method
2.3.10 Reason for change	

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit N/A min max
2.4.2 Population size (other than individuals)	Unit number of map 10x10 km grid cells (grids10x10) min 105 max 105

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2.4.3 Additional information	Definition of locality Conversion method Problems	Az állomány egyedsűrűsége az évek között és egy élőhelyfolton belül is erősen ingadozik. Az előfordulása az élőhelyen belül aggregált. Az élőhelyi részminták alapján emiatt az egyedszámot nem lehet megbízhatóan becsülni.
2.4.4 Year or period	2007-2012	
2.4.5 Method – population size	Estimate based on partial data with some extrapolation and/or modelling (2)	
2.4.6 Short-term trend period	2001-2012	
2.4.7 Short term trend direction	unknown (x)	
2.4.8 Short-term trend magnitude	min max confidence interval	
2.4.9 Short-term trend method	Estimate based on partial data with some extrapolation and/or modelling (2)	
2.4.10 Long-term trend period		
2.4.11 Long term trend direction	N/A	
2.4.12 Long-term trend magnitude	min max confidence interval	
2.4.13 Long-term trend method	N/A	
2.4.14 Favourable reference population	number operator more than (>) unknown No method	
2.4.15 Reason for change		

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	10
2.5.2 Year or period	2007-2012
2.5.3 Method used - habitat	Estimate based on partial data with some extrapolation and/or modelling (2)
2.5.4 a) Quality of habitat	Moderate
2.5.4 b) Quality of habitat - method	Vízháztartás, növényzeti struktúra
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	unknown (x)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km ²)	13
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Forest and Plantation management & use (B02)	low importance (L)	N/A
diffuse pollution to surface waters due to agricultural and forestry activities (H01.05)	medium importance (M)	N/A
diffuse groundwater pollution due to agricultural and forestry activities (H02.06)	medium importance (M)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	medium importance (M)	N/A
Canalisation & water deviation (J02.03)	high importance (H)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	medium importance (M)	N/A

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burning down (J01.01)	low importance (L)	N/A
intensive mowing or intensification (A03.01)	medium importance (M)	N/A
intensive grazing (A04.01)	low importance (L)	N/A

2.6.1 Method used – pressures based exclusively or to a larger extent on real data from sites/occurrences or other

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Forest and Plantation management & use (B02)	low importance (L)	N/A
diffuse pollution to surface waters due to agricultural and forestry activities (H01.05)	medium importance (M)	N/A
diffuse groundwater pollution due to agricultural and forestry activities (H02.06)	medium importance (M)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	medium importance (M)	N/A
Canalisation & water deviation (J02.03)	high importance (H)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	medium importance (M)	N/A
burning down (J01.01)	low importance (L)	N/A
intensive mowing or intensification (A03.01)	medium importance (M)	N/A
intensive grazing (A04.01)	low importance (L)	N/A

2.7.1 Method used – threats expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

2.8.3 Trans-boundary assessment

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range	assessment Favourable (FV) qualifiers N/A
2.9.2. Population	assessment Inadequate (U1) qualifiers unknown (x)
2.9.3. Habitat	assessment Inadequate (U1) qualifiers unknown (x)
2.9.4. Future prospects	assessment Inadequate (U1) qualifiers stable (=)
2.9.5 Overall assessment of Conservation Status	Inadequate (U1)
2.9.5 Overall trend in Conservation Status	stable (=)

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

3.1.1 Population Size Unit number of map 10x10 km grid cells (grids10x10)

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min 50 max 60

3.1.2 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)
3.1.3 Trend of population size within	N/A

3.2 Conversation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Other species management measures (7.0)	Recurrent One-off	medium importance (M)	Both	Long term
Specific single species or species group management measures (7.4)	Administrative Recurrent	low importance (L)	Both	Maintain Long term
Restoring/improving the hydrological regime (4.2)	Recurrent	high importance (H)	Both	Maintain Enhance Long term
Adapting crop production (2.2)	Administrative Contractual Recurrent	medium importance (M)	Both	Maintain Enhance Unknown

